

US 20150138333A1

(19) United States

(12) Patent Application Publication DeVaul et al.

(10) **Pub. No.: US 2015/0138333 A1**(43) **Pub. Date:** May 21, 2015

(54) AGENT INTERFACES FOR INTERACTIVE ELECTRONICS THAT SUPPORT SOCIAL CUES

(75) Inventors: **Richard Wayne DeVaul**, Mountain View, CA (US); **Daniel Aminzade**,

Mountain View, CA (US)

(73) Assignee: Google Inc., Mountain View, CA (US)

(21) Appl. No.: 13/407,159

(22) Filed: Feb. 28, 2012

Publication Classification

(51) **Int. Cl.**A63H 33/00 (2006.01)

G06F 3/01 (2006.01)

G06F 3/16 (2006.01)

 H04N 5/225
 (2006.01)

 G06K 9/00
 (2006.01)

 H04R 1/32
 (2006.01)

(52) **U.S. Cl.** CPC *G06F 3/01*3

CPC *G06F 3/013* (2013.01); *H04R 1/32* (2013.01); *H04N 5/2257* (2013.01); *G06F 3/16* (2013.01); *G06K 9/00288* (2013.01)

(57) ABSTRACT

An anthropomorphic device, perhaps in the form factor of a doll or toy, may be configured to control one or more media devices. Upon reception or a detection of a social cue, such as movement and/or a spoken word or phrase, the anthropomorphic device may aim its gaze at the source of the social cue. In response to receiving a voice command, the anthropomorphic device may interpret the voice command and map it to a media device command. Then, the anthropomorphic device may transmit the media device command to a media device, instructing the media device to change state.

